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1					50
PmCS	MNTLSQAIIKA	YNSNDYELAL	KLFEKSAEY	GRKIVEFQII	KCKEKLSTNS
PmHAS	MNTLSQAIIKA	YNSNDYQLAL	KLFEKSAEII	GRKIVEFQIT	KCKEKLsAHP
Consensus	MNTLSQAIIKA	YNSNDY#LAL	KLFEKSAEiY	GRKIVEFQii	KCKEKLsAnp
51					100
PmCS	YVS.....	EDKKNSVCDS	SLDIATQLLL	SNVKKLTLS	SEKNSLKNKW
PmHAS	SVNSAHL SVN	KEEKVNVCDS	PLDIATQLLL	SNVKKLVLS	SEKNTLKNKW
Consensus	sVn.....	e#eKnnVCDS	plDIATQLLL	SNVKKLTLS#	SEKNSLKNKW
101					150
PmCS	KSITGKKSEN	AEIRKVELVP	KDFPKDLVLA	PLPDHVNDFT	WYKNRKKSLG
PmHAS	KLLTEKKSEN	AEVRAVALVP	KDFPKDLVLA	PLPDHVNDFT	WYKKRKKRLG
Consensus	KliTeKKSEN	AE!RaVaLVP	KDFPKDLVLA	PLPDHVNDFT	WYKnRKKrLG
151					200
PmCS	IKPVNKNIGL	SIIPTFNRS	RILDITLACL	VNQKTnYPFE	VVVA DDGSKE
PmHAS	IKPEHQHVGL	SIIVTTFNRP	AILSITLACL	VNQKThYPFE	VIVTDDGSQe
Consensus	IKPenqn!GL	SII!pTFNRP	aILdITLACL	VNQKTnYPFE	V!Va DDGSqE
201					250
PmCS	NLLTIVQKYE	QKLDIKYVRQ	KDYGyQLCAV	RNLGLRTAKY	DFVSILDCDM
PmHAS	DLSPiIRQYE	NKLDIRYVRQ	KDNGFQASAA	RNMGLRLAKY	DFIGLLDCDM
Consensus	#LlpI!rqYE	#KLDiRyVRQ	KDnG%QacAa	RN\$GLRLAKY	DF!giLDCDM

Fig. 1a

[illegible]

09842484, 082401

Fig. 1b

751						800
PmCS	HLTPDIKKEI	LAFYHKHQVN	ILLNNDISYY	TSNRLIKTEA	HLNINKLSQ	
PmHAS	HLTPDIKKEI	LAFYHKHQVN	ILLNNDISYY	TSNRLIKTEA	HLNINKLSQ	
Consensus	HLTPDIKKEI	LAFYHKHQVN	ILLNNDISYY	TSNRLIKTEA	HLNINKLSQ	
801						850
PmCS	LNLNCEYIIF	DNHDSLFVKN	DSYAYMKKYD	VGMNFSALTH	DWIEKINAHF	
PmHAS	LNLNCEYIIF	DNHDSLFVKN	DSYAYMKKYD	VGMNFSALTH	DWIEKINAHF	
Consensus	LNLNCEYIIF	DNHDSLFVKN	DSYAYMKKYD	VGMNFSALTH	DWIEKINAHF	
851						900
PmCS	PFKKLIKTYF	NDNDLRSMNV	KGASQGMFMK	YALPHELLTI	IKEVITSCQS	
PmHAS	PFKKLIKTYF	NDNDLRSMNV	KGASQGMFMK	YALPHELLTI	IKEVITSCQS	
Consensus	PFKKLIKTYF	NDNDLRSMNV	KGASQGMFMK	YALPHELLTI	IKEVITSCQS	
901						950
PmCS	IDSVPEYNTE	DIWFQFALLI	LEKKTGHVFN	KTSTLTYPW	ERKLQWTNEQ	
PmHAS	IDSVPEYNTE	DIWFQFALLI	LEKKTGHVFN	KTSTLTYPW	ERKLQWTNEQ	
Consensus	IDSVPEYNTE	DIWFQFALLI	LEKKTGHVFN	KTSTLTYPW	ERKLQWTNEQ	
951						972
PmCS	IQSAKKGENI	PVNKFIINSI	TL			
PmHAS	IESAKRGENI	PVNKFIINSI	TL			
Consensus	I#SAKRGENI	PVNKFIINSI	TL			

Fig. 1d

09040404 . 000404

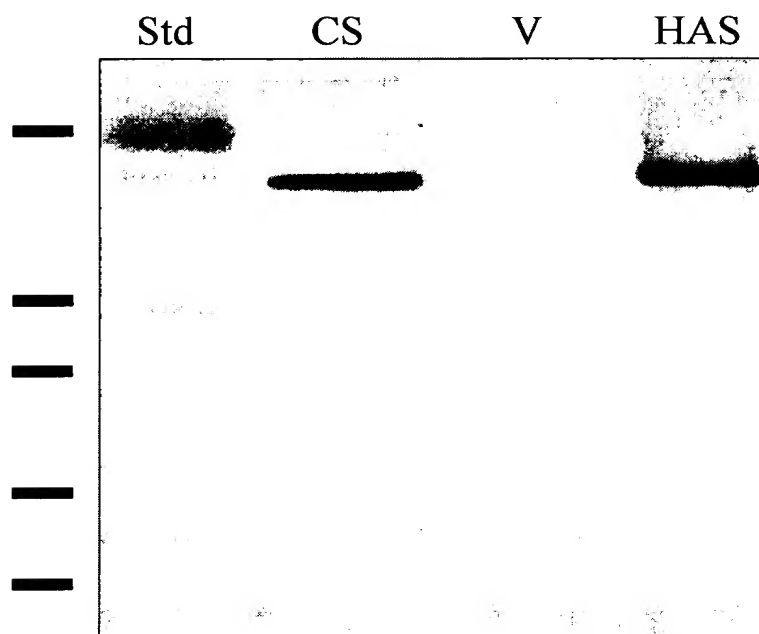


Fig. 2

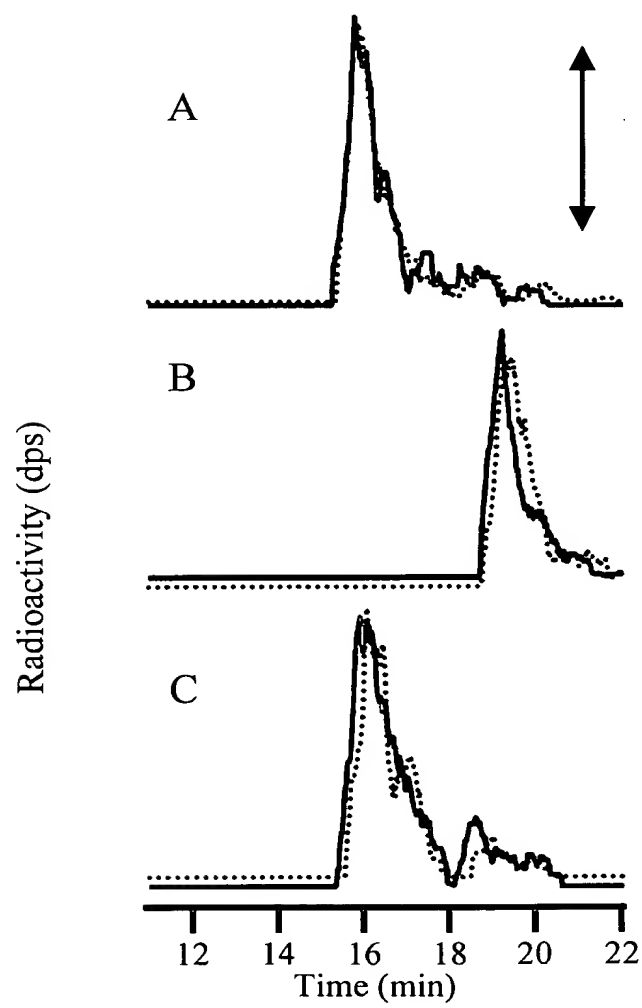


Fig. 3

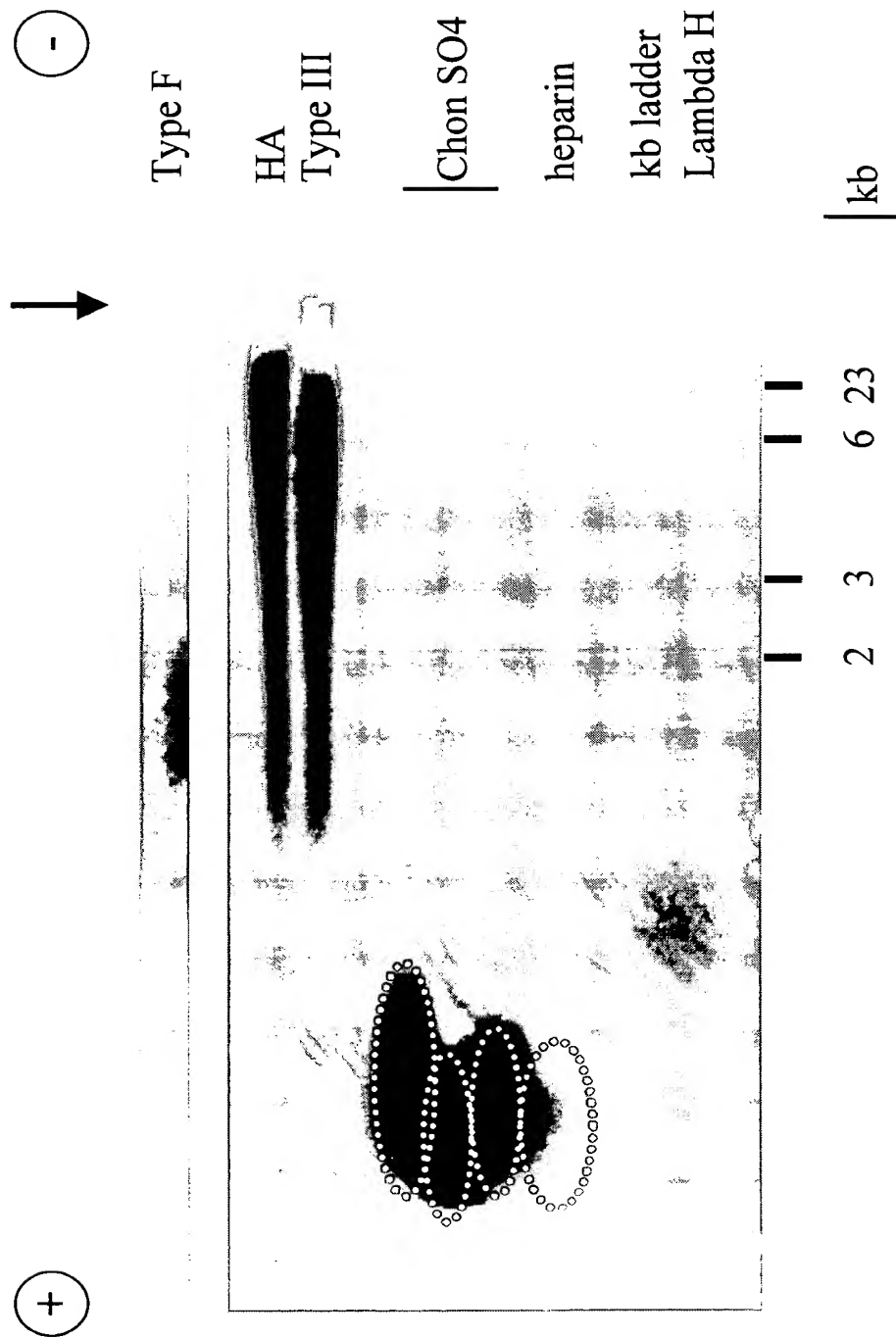


Fig. 4

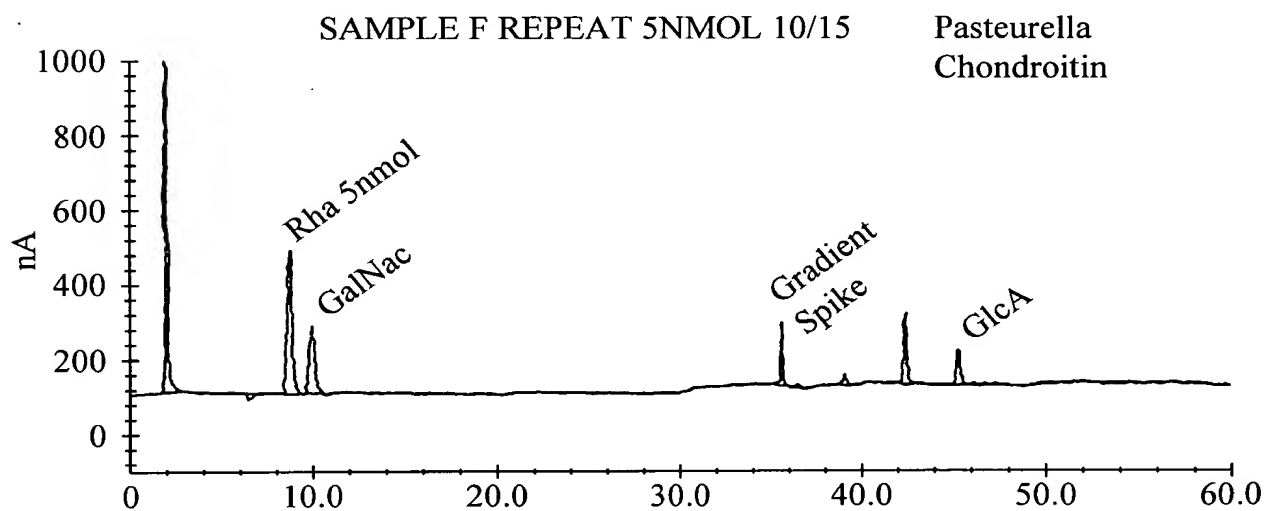
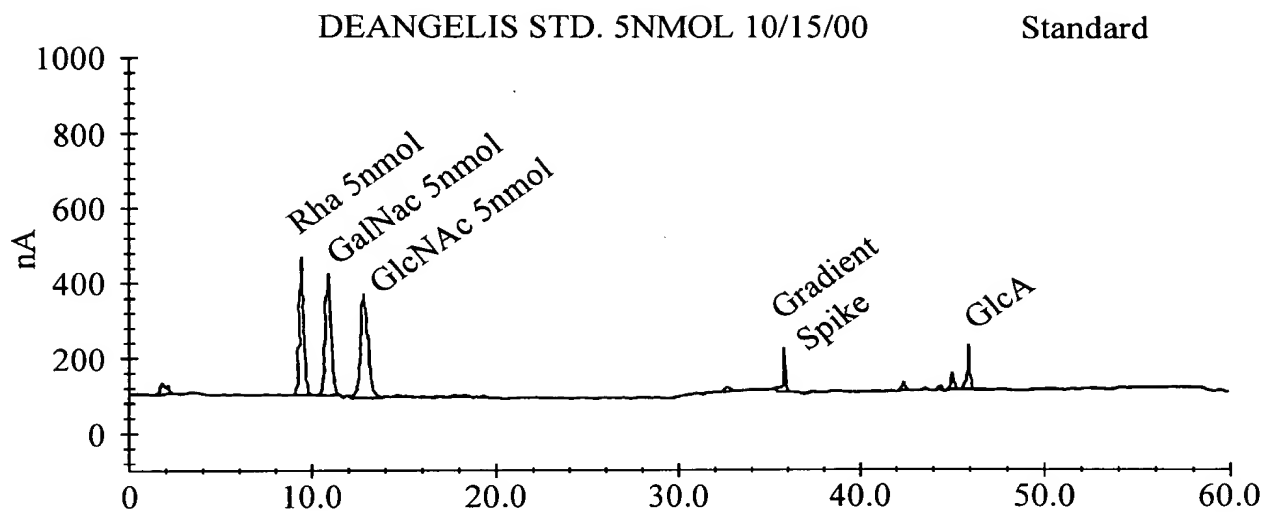


Fig. 5

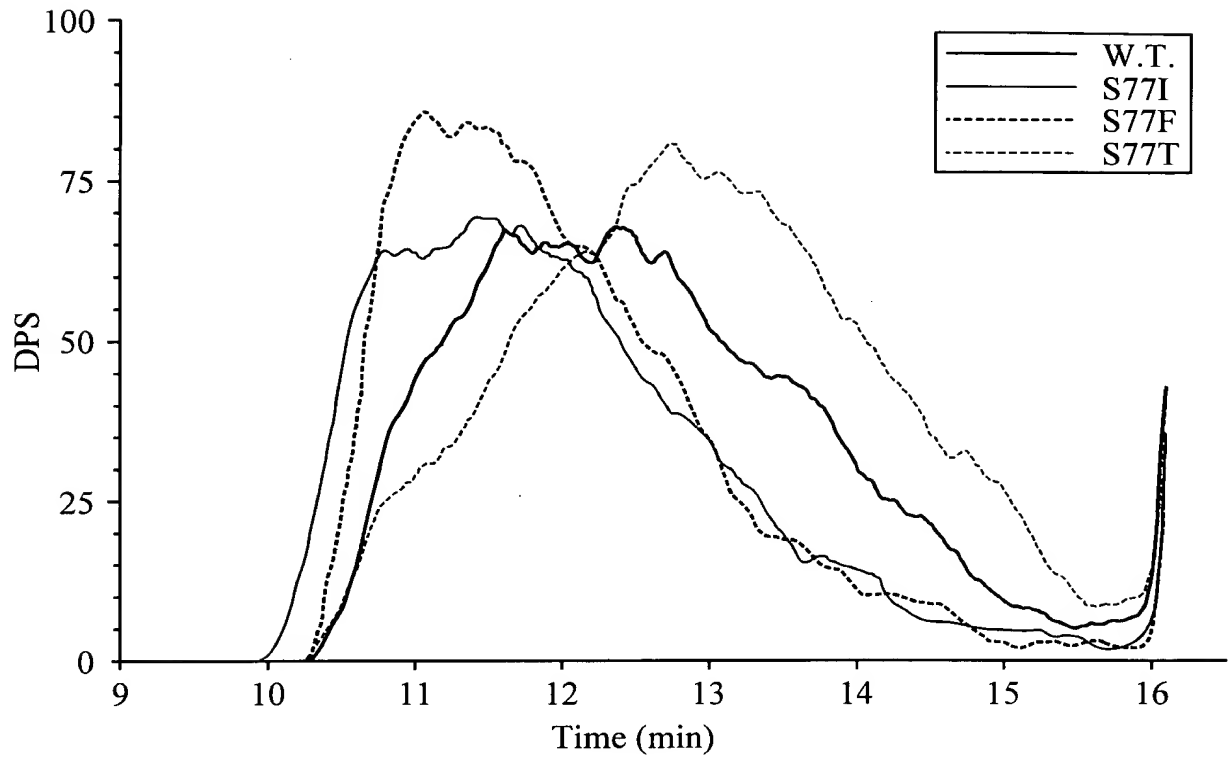


Fig. 6

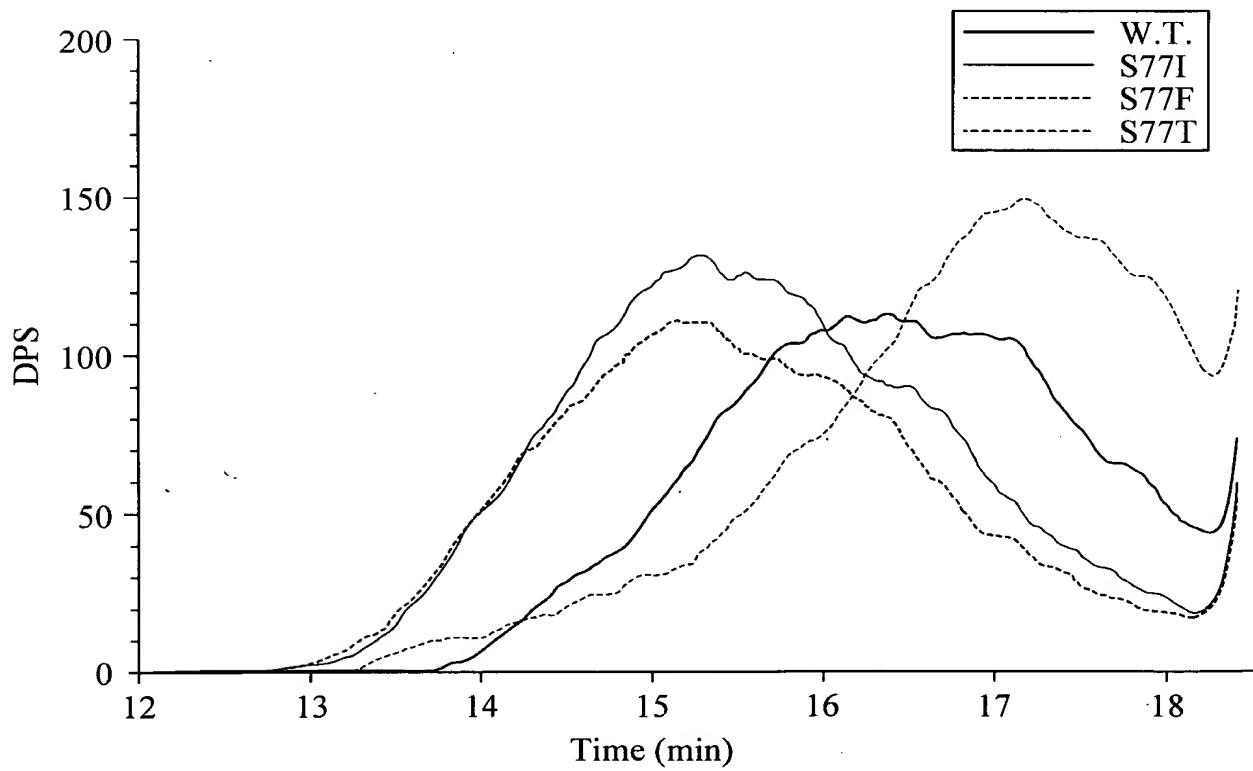


Fig. 7

NMR of Type F Polymer

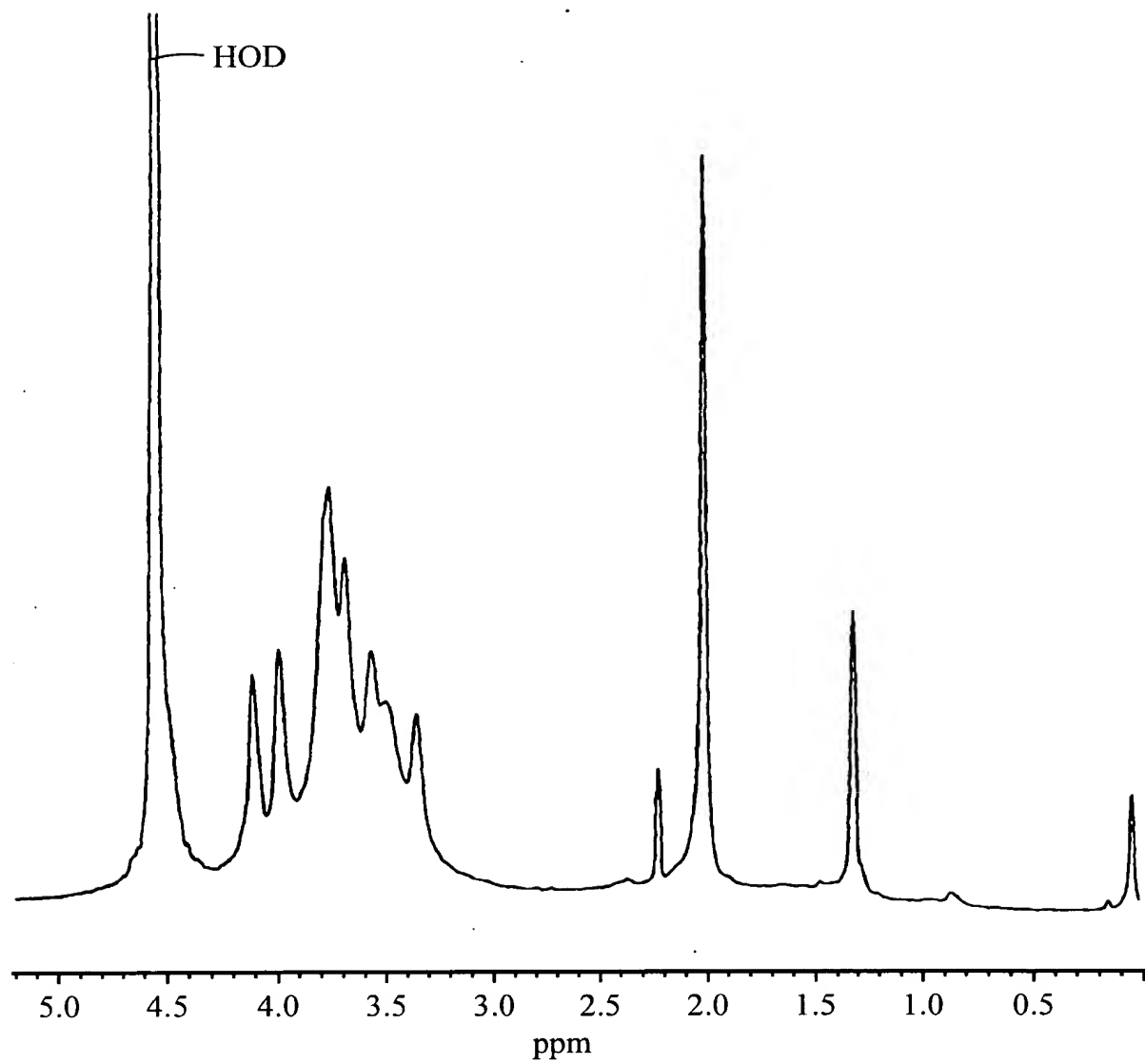


Fig. 8

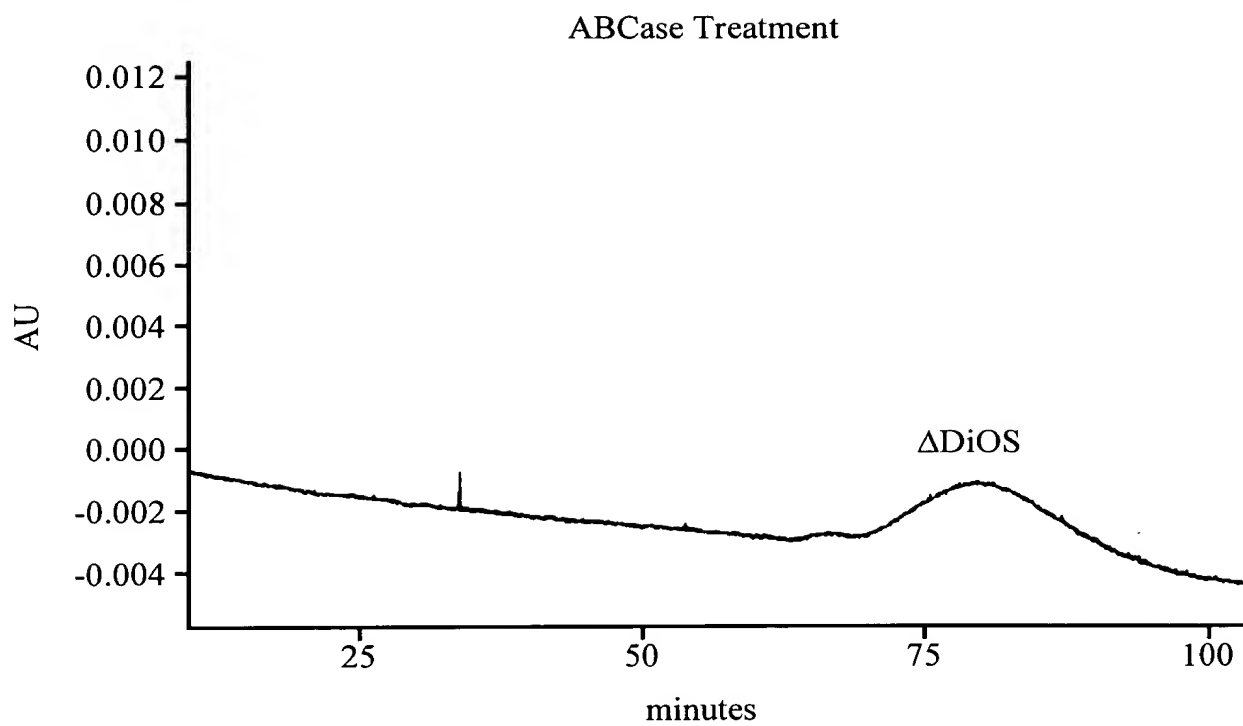


Fig. 9

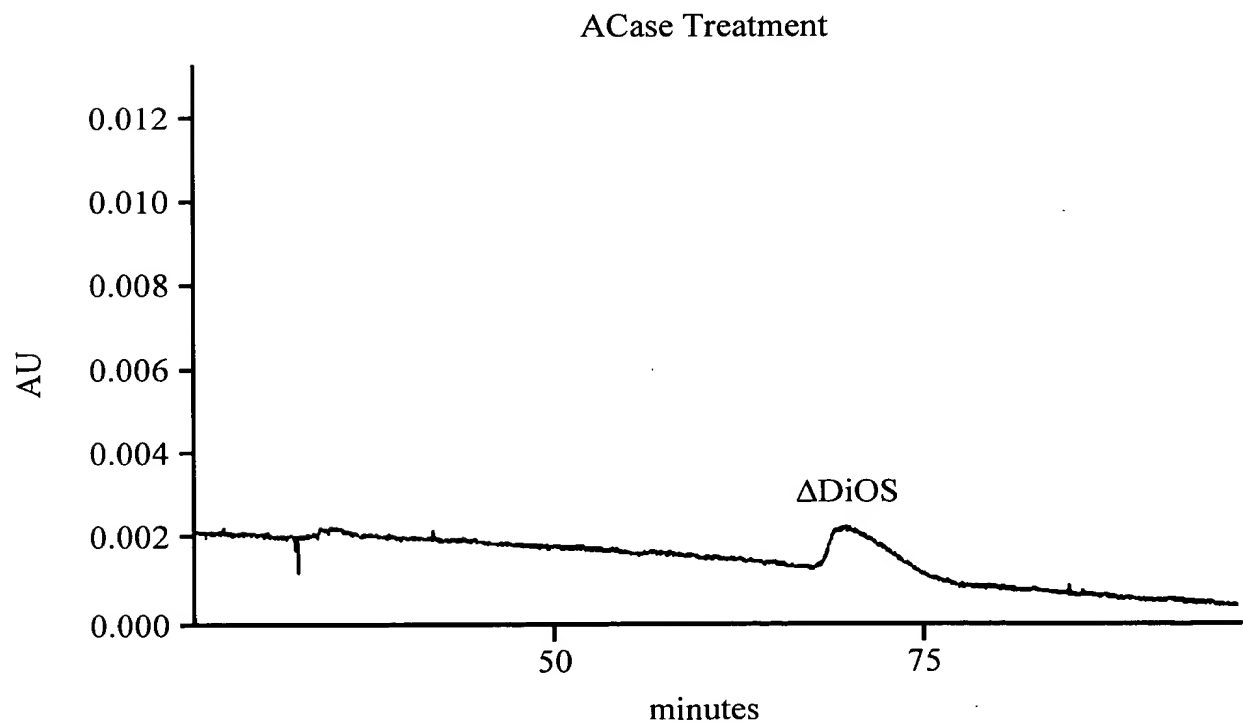


Fig. 10